

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1. **(Currently Amended)** A wireless LAN utilizability detecting system comprising:

a housing detachably mounted on a data terminal device, said data terminal device having a main power supply;

a wave intensity detecting means disposed at least partly inside the housing and configured to obtain a detection output corresponding to a wave in a predetermined wireless LAN band, including a resonating circuit configured to derive power from said wave even when the main power supply of the data terminal is off; and

a detection output means disposed in the housing and configured to generate an output indicating representing a content as to whether the wireless LAN is utilizable based on the output of the wave intensity detecting means; and

a separate power supply configured to provide power for said wave detecting means even when the main power supply of the data terminal device is off.

2. **(Original)** The wireless LAN utilizability detecting system according to claim 1, wherein the housing constitutes an adapter for mounting a wireless LAN card on the pertinent data terminal device.

3. **(Original)** The wireless LAN utilizability detecting system according to claim 1, wherein the housing constitutes a housing of a wireless LAN card.

4. **(Canceled)**

5. **(Currently Amended)** The wireless LAN utilizability detecting system according to claim 1, wherein the wave intensity detecting means includes a comparing means for comparing the intensity of a detected wave in the predetermined wireless LAN

band and generating an output corresponding to the comparison result ~~as output of the wave intensity detecting means.~~

**6. (Currently Amended)** The wireless LAN utilizability detecting means according to claim 1, wherein the detection output means is ~~arranged~~ configured to output a signal for starting the data terminal device based on the output of the wave intensity detection means.

**7. (Currently Amended)** The wireless LAN utilizability detecting system, according to claim 1, wherein the detection output means is ~~arranged~~ configured to drive a display means provided on the housing according to the output of the wave intensity detecting means.

**8. (Currently Amended)** The wireless LAN utilizability detecting system according to claim 7, wherein ~~an LED is used as the display means~~ comprises an LED.

**9. (Original)** The wireless LAN utilizability detecting system according to claim 2, in which the housing includes a wireless LAN card side connector, a data terminal device side connector and an inter-connector bus inter-connecting the two connectors, and which further comprises an active checking means for checking whether the inter-connector bus is active and, when the inter-connector is found to be active, rendering the wave intensity detecting means or the detection output means inoperative.

**10. (Currently Amended)** A wireless LAN utilizability detecting method, in which a wireless LAN utilizability detecting system comprising a housing is detachably mounted on a data terminal device, a main power supply for said data terminal device, a wave intensity detecting means disposed at least partly on the housing and serving to obtain a detection output corresponding to the intensity of a wave in a predetermined wireless LAN band, the wave intensity detecting means including a resonating circuit configured to derive power from said wave even when the main power supply of the data terminal is off, and a detection output means for generating, based on the output of the wave intensity detecting

means, an output ~~representing a content as to~~ indicating whether the wireless LAN is utilizable, is mounted in the pertinent data terminal device, said method comprising:

receiving an output from the detection output means of the wireless LAN utilizability detecting system;

checking whether the value of the received output and a predetermined value are identical;

if the value of the received output and the predetermined value are identical ~~identity is recognized~~, initiating an automatic start operation;

if the value of the received output and the predetermined value are not identical ~~identity is not recognized~~, maintaining a waiting state;

after initiating the automatic start operation checking whether the pertinent wireless LAN can perform authentication;

if authentication can be performed, informing a user that the user can perform actual communication;

if authentication can not be done, turning off the separate power supply.

**11. (Original)** The wireless LAN utilizability detecting method according to claim 10, wherein said informing is performed by generation of voice, image display or generation of vibrations.

**12. (Previously Presented)** The wireless LAN utilizability detecting method according to claim 10, wherein said informing is performed by generating a call to a portable telephone set or a PHS by a short message service.

**13. (Previously Presented)** The wireless LAN utilizability detecting method according to claim 10, further comprising enabling the data terminal device to transmit and receive electronic mails.

**14. (Previously Presented)** The wireless LAN utilizability detecting method according to claim 10, further comprising enabling the data terminal device to collect particular web page data automatically.